

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 08187836  
PUBLICATION DATE : 23-07-96

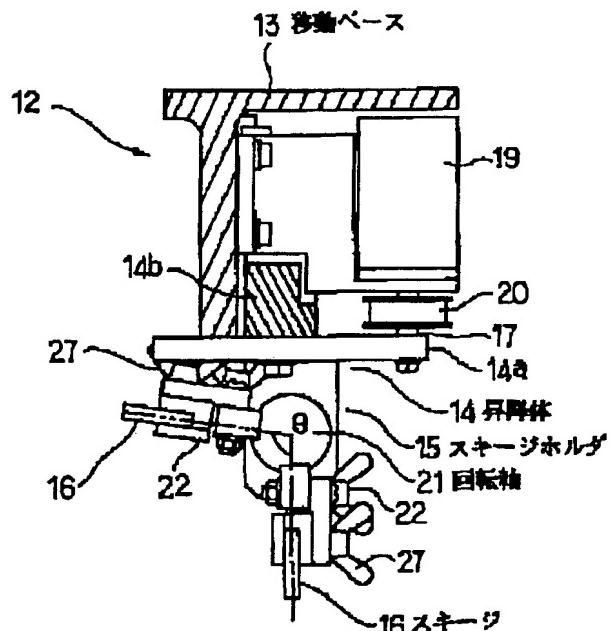
APPLICATION DATE : 13-01-95  
APPLICATION NUMBER : 07004227

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INT.CL. : B41F 15/40 B41F 15/08 H05K 3/34 //  
H05K 3/12

TITLE : CREAM SOLDER PRINTER



ABSTRACT : PURPOSE: To equalize a pushing angle and pushing force against screen masks of a pair of squeegees.

CONSTITUTION: A squeegee unit 12 is composed of a transfer base 13 transferred in a printing operation direction by a transfer mechanism, an up-and down body 14 provided freely vertically movably to the transfer base 13, a squeegee holder 15 provided to the up-and-down body 14, a pair of squeegees 16, 16 fitted to the squeegee holder 15, etc. A ball thread is provided to the up-and-down body 14, and an up-and-down motor 19 vertically driving the up-and-down body 14 by transmitting torque to a ball thread nut, is provided to the transfer base 13. The squeegee holder 15 is composed by providing a pair of holder parts 22, 22 onto an outer peripheral part of a rotation axis 21. An angle-changing motor revolving freely the rotation axis 21 is provided to the up-and-down body 14. The squeegees 16 are respectively fitted to the holder parts 22 provided under a state wherein they are open by a specific angle  $\theta$  on the outer periphery of the rotation axis 21.

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